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FVI (N/E)

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

MAR 17 1989

In re Applicant §
CHING-WU CHU §
Serial No. 032,041 §
Filed: March 26, 1987 § Group Art Unit 111
For: SUPERCONDUCTIVITY IN §
SQUARE-PLANAR COMPOUND §
SYSTEMS §
Examiner Dennis Albrecht §

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AMENDMENT

Commissioner of Patents
and Trademarks
Washington, D.C. 20231

Dear Sir:

Please amend the above identified application as follows:

IN THE CLAIMS

Please add the following claim:

NE
97. A Y-Ba-Cu-O complex containing a
super-conductive crystalline phase consisting essentially
of Y, Ba, Cu and O which has zero electrical resistance
above 77°K, said superconductive crystalline phase having
a crystal structure uncharacteristic of that of a K_2NiF_4
crystal structure, and said superconductive crystalline
phase being present in said composition of matter in a
quantity sufficient to provide the composition with a
diamagnetic signal at 4.2°K corresponding to at least 24%
of the superconducting signal of a lead sample with
similar dimensions.

REMARKS

The new claim is added in order to place in the
application a claim identical in language to a Count by